



IFW

Docket No. VKSW-1  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
WASSERSCHIED, et.al.

Group Art Unit: 1621

Serial No.: 10/798,796

Examiner: N/A

Filed: March 11, 2004

For: Ionic Liquids

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

<p align="center"><b>CERTIFICATE OF MAILING</b> <b>UNDER 37 C.F.R. § 1.8(a)</b></p> <p>I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 29, 2004.</p> <p>_____ Rick Matos (Typed or Printed Name)</p> <p>_____ (Signature)</p>
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INFORMATION DISCLOSURE STATEMENT

The following sections are submitted for this Information Disclosure Statement:

1.  X  Preliminary Statements
2.  X  FORM PTO - 1449
3.      Statement As To Information Not Found in Patents or Publications
4.      Identification Of Prior Application In Which Information Was Cited And For Which No Copies Are Submitted Or Need Be Submitted
5.      Cumulative Patents or Publications
6.      Translation(s) of Non-English Language Documents
7.      Concise Explanation of Non-English Language Listed Information Items
8.  X  Copies of Listed Information Items Accompanying This Statement
9.  X  Identification of Person(s) Making This Information Disclosure Statement

**Section 1. Preliminary Statements**

Applicant submits herewith patents, publications or other information which may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), or as an admission that the information cited is, or is considered to be, material to patentability.

The filing of Information Disclosure Statement shall not be construed as an admission against interest in any manner.

**Section 2. FORM PTO - 1449**

Form PTO - 1449 (2 pages) is enclosed herewith.

**Section 3. Statement As To Information Not Found In Patents Or Publications (Information not listed in PTO 1449)**

**Section 4. Identification Of Prior Application In Which Information Was Cited And for Which No Copies Are Submitted Or Need Be Submitted**

This application relies, under 35 U.S.C. 120, on the earlier filing date of prior application S/N \_\_\_\_\_, filed on \_\_\_\_\_.

**Section 5. Cumulative Patents or Publications**

\_\_\_\_\_ is cumulative of the following patents or publications listed on Form PTO 1449:

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In accordance with 37 CFR 1.98(c) a copy of only \_\_\_\_\_ is being submitted with this information disclosure statement.

Section 6. Translation(s) of Non-English Language Documents

- ☐ Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material.
- ☐ No English language translations of the foreign language patents, publications or information or parts thereof are readily available, except for those listed above.
- ☐ The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.

Section 7. Concise Explanation of Non-English Language Listed Information Items

Section 8. Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in Form PTO-1449 accompany this information statement.

- ☐ Exception(s) to above
- ☐ Items in prior application from which an earlier filing date is claimed for this application as identified in Section 4.
- ☐ Cumulative patents or publications identified in Section 5.

Section 9. Identification of Person(s) Making This INFORMATION DISCLOSURE STATEMENT

The person making this statement is

- (a) ☐ the inventor(s) who signs below

\_\_\_\_\_  
Signature of Inventor

\_\_\_\_\_  
Typed name of inventor

- (b) ☒ the agent who signs below on the basis of:

☐ information supplied by the inventor(s)

\_\_\_\_\_ information supplied by an individual associated with the filing and prosecution of this application (37 CFR 1.56(c))

X information in the agent's file

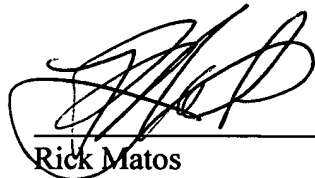
It is respectfully requested that the references identified in this Information Disclosure Statement be considered by the Examiner, be made a part of the official record, and be cited in the issued patent.

Respectfully submitted,

Date: \_\_\_\_\_

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10/21/4



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PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

## **Complete if Known**

Application Number	10/798,796
Filing Date	March 11, 2004
First Named Inventor	Wasserscheid, et. al.
Group Art Unit	1621
Examiner Name	
Attorney Docket Number	VKSW-1

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6245918		Olivier, F. F.	06/12/2001	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		GB	1050791A		Proctor & Gamble	12/07/1966		
		GB	1440238A		Nippon Oil Co., Ltd.	06/23/1976		
		WO	99/40025A		ACEP Inc. & CNRS & Universite de Montreal	08/12/1999		
		EP	1182196A		Solvent Innovation GMBH	02/27/2002		
		EP	1182197A		Solvent Innovation GMBH	02/27/2002		

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<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of 3

**Complete if Known**

Application Number	10/798,796
Filing Date	March 11, 2004
First Named Inventor	WASSERSCHIED, et.al.
Group Art Unit	1621
Examiner Name	N/A
Attorney Docket Number	VKSW-1

**OTHER – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	KLOUBEK, J. et. al., Alkyl Esters of Sulfuric Acid and their Salts", Chemical Abstracts, April 12, 1965, Vol. 62, No. 8, Abstract No. 9012a, Columbus, Ohio, US.	
	CORKILL, et. al., Database accession no. 4171557, XP002224892 abstract; Database Crossfire Beilstein Online!, 1966, Vol. 62, page 987, Frankfurt Main, DE.	
	YU, Z.-J. et. al., Database accession no. 3643077, XP002224893 abstract; Database Crossfire Beilstein Online!, 1990, Vol. 94, No. 9, pages 3675-3681. Frankfurt Main, DE.	
	PACKTER, A. et. al., Database accession no. 6709453, 6709293, 6709083, 6708828, 6708655, XP002224894 abstract; Database Crossfire Beilstein Online!, 1963, Vol. 15, pages 317-324.	
	MEGURO, K. et. al., Database accession no. 3643865, XP002224895 abstract; Database Crossfire Beilstein Online!, 1959, Vol. 80, page 818.	
	TOMASIC, V. et. al., Database accession no. 7847922, XP002224896 abstract, Database Crossfire Beilstein Online!, 1997, Vol. 101, No. 12, pages 1942-1948.	
	JOKELA, P. et. al., Database accession no. 6465924, XP002224897 abstract, Database Crossfire Beilstein Online!, 1987, Vol. 91, No. 12, pages 3291-3298.	
	CUCCOVIA, I.M. et. al., Database accession no. 3814288, XP002224898 abstract, Database Crossfire Beilstein Online!, 2000, Vol. 2, No. 9, pages 1896-1907.	
	BOLLE, B., Database accession no. 3862916, 3823539, 3821574, 3808539, XP002224899, Database Crossfire Beilstein Online!, 1953, Vol. 38, page 159.	

Examiner  
SignatureDate  
Considered

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/798,796
		Filing Date	March 11, 2004
		First Named Inventor	WASSERSCHIED, et.al.
		Group Art Unit	1621
		Examiner Name	N/A
Sheet 3 of 3	Attorney Docket Number	VKSU-1	

OTHER – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	ABRAMZON, A. A. et. al., Database accession no. 8461725, XP002224900 abstract, Database Crossfire Beilstein Online!, 1999, Vol. 72, No. 4, pages 666-669.	
	BONILHA, B. S. et. al, Database accession no. 3800408, XP002224901, Database Crossfire Beilstein Online!, 1989, Vol. 93, No. 1, pages 367-372.	
	PATENT ABSTRACTS OF JAPAN, Vol. 017, 594, October 29, 1993, JP 05 178798 A; KAO Corp., July 20, 1993 abstract.	
	GUILLOTEAU-BERTIN, B. et. al., Stereocontrolled Alkylation of Chiral Pyridinium Salt Toward a Short Enantioselective Access to 2-Alkyl- and 2,6-Dialkyl-1,2,5,6 – Tetrahydropyridines, Eur. J. Org. Chem., 2000, No. 8, XP002224904, pages 1391-1399.	

Examiner Signature	Date Considered
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